

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE 1 OF 7 PAGES
2. AMENDMENT/MODIFICATION NO. PS08	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. EQWPMA-16-5127	5. PROJECT NO. (If applicable)	
6. ISSUED BY R&A Center 2 301 7th Street, SW Room 6049 Washington, DC 20407 United States	CODE WPH1AB	7. ADMINISTERED BY (If other than Item 6) GSA, POTOMAC SERVICE CENTER 301 7TH STREET S.W. ROOM 6901 WASHINGTON, DC 20407-0001	CODE WPMF	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) DCM ARCHITECTURE & ENGINEERING, LLC 339 N FRONT ST STE A CAMDEN, NJ 81021 DUNS: 788771983 Cage Code: 4ME27			<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. <input type="checkbox"/> 9B. DATED (SEE ITEM 11) <input checked="" type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO. GS-11-P-16-YT-C-7173 <input checked="" type="checkbox"/> 10B. DATED (SEE ITEM 13) Aug 24, 2016	
CODE	FACILITY CODE			

**Committed**

**REVIEWED**  
By Marcel Borde at 10:06 am, Nov 29, 2017

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Modification Obligation Amount: \$222,857.65

### 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.243-4 Changes
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Please see attached

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Robert Benson, EXEC VP	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Isaac Karto, Contracting Officer Region 11
15B. CONTRACTOR (b) (6)	16B. UNITED STATES OF AMERICA (b) (6)
15C. DATE SIGNED 11/28/2017	16C. DATE SIGNED 12/04/2017
(Signature)	(Signature of Contracting Officer)

(b) (6)

## Description of Amendment/Modification

Contract GS-11-P-16-YT-C-7173 for the Design Build to Replace Underground Hot Water Loop (NAC) is hereby modified (PS07) to add the following items to the Design-Build Hot Water Loop project at the Nebraska Avenue Complex, 3801 Nebraska Avenue, Washington, DC:

The contractor (DCM) has discovered a preponderance of unforeseen underground obstructions, which have caused unavoidable delays to DCM's work. The underground obstructions include concrete, ductbanks, conduits not identified by the survey, etc. These obstructions cause extra time of installation to remove the obstruction, dig deeper to change the depth of the piping, and/or change the direction of the piping with a series of additional fittings. All of these changes require additional cost and time to accommodate.

--Removing the obstruction requires additional time of digging, machines to jack the concrete, and the disposal of additional material.

--Changing the depth of piping requires additional time of digging, additional material to backfilling, additional fittings for pipe turns, and the disposal of additional material.

--Changing the direction of the piping requires additional time to heat treat and hydrostatically test the fittings and additional materials of pipe fittings.

The project has been delayed by rain on multiple occasions including July 18th, August 1st, August 15th, August 21st, August 29th, and September 6th. Washington DC monthly rain totals far exceeded the average; in the month of August recorded 4.58 inches of rain versus the average of 2.93 inches of rain, in the month of July recorded 9.15 inches of rain versus the average of 3.73 inches of rain.

Due to these weather delays and the additional work, the period of performance is being extended by 274 days.

Original contract amount (b) (4)

Modification AA01 (b) (4)

Modification PS02 (b) (4)

Modification PS03 (b) (4)

Modification PS04 (b) (4)

Modification PS05 (b) (4)

Modification PS06 (b) (4)

Modification PS07 (b) (4)

Modification PS08 (b) (4)

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Revised contract amount \$1,951,275.14

The period of performance completion date is hereby extended from 11/30/2017 to 08/31/2018. All other terms and conditions remain unchanged. Should you have any questions regarding this modification, please contact the Contract Specialist (michele.appello@gsa.gov), or the COR (stephen.haag@gsa.gov).

## SF30 List of Accounting Strings

Accounting String	Amount Obligated
EN-GS-11-P-16-YT-C-7173.2016.192X.11.P11B0001.PG54.PG413.N20.RDC03439.DC1432NA.080.....RDC03439DC1432NA.CIPIMP.1..	(b) (4)
EN-GS-11-P-16-YT-C-7173.2017.192X.11.P11B0001.PG54.PG413.K01.RDC03608.DC1432NA.083.....	
EN-GS-11-P-16-YT-C-7173.2017.192X.11.P11B0001.PG54.PGL11.V04.RDC03690.DC1432NA.084.....	
EN-GS-11-P-16-YT-C-7173.2017.192X.11.P11B0001.PG54.PGL26.V04.RDC03690.DC1432NA.084.....	
EN-GS-11-P-16-YT-C-7173.2017.192X.11.P11B0001.PG54.PG413.N20.RDC03439.DC1432NA.080.....RDC03439DC1432NA.CIPIMP.1..	
EN-GS-11-P-16-YT-C-7173.2018.192X.11.P11B0001.PG54.PG413.N20.RDC03439.DC1432NA.080.....RDC03439DC1432NA.CIPIMP.1..	

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ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT	
0001	DB Hot Water Loop Design/Build Replacement of Underground Hot Water Loop. Period of Performance: 120 DAYS FROM NTP EN-GS-11-P-16-YT-C-7173.2016.192X .11.P11B0001.PG54.PG413.N20 .RDC03439.DC1432NA.080.... CIPIMP.1.. Obligated: (b) (4) PoP: 09/08/2016 - 08/31/2018	(b) (4)				
0002	MOD PS02 EMERGENCY UNDERGROUND HOT WATER PIPE REPAIRS. Provide all materials, equipment, tools, labor and equipment to excavate and repair medium temperature hot water supply and return line. .11.P11B0001.PG54.PG413.K01 .RDC03608.DC1432NA.083..... Obligated: (b) (4) PoP: 09/08/2016 - 08/31/2018	(b) (4)				
0003	MOD PS03 Per the scope of work, provide testing and sampling of suspected asbestos containing materials (ACM) and extend the POP 229 calendar days to	(b) (4)				

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
0004	<p>10/15/2017.  EN-GS-11-P-16-YT-C-7173.2017.192X  (b) (4)  .RDC03690.DC1432NA.084.....  Obligated: (b) (4)    PoP: 09/08/2016 - 08/31/2018</p> <p>MOD PS04  Per the scope of work, conduct abatement of Asbestos Containing Materials (ACM) and extend POP 30 days    .11.P11B0001.PG54.PGL26.V04  .RDC03690.DC1432NA.084.....  Obligated: (b) (4)    PoP: 09/08/2016 - 08/31/2018</p>				
0005	<p>MOD PS05  Per the scope of work, provide all labor, materials, equipment and supervision for additional cutting and breaking for trench  the POP 15 days to 11/30/2017.    .11.P11B0001.PG54.PG413.N20  .RDC03439.DC1432NA.080....  CIPIMP.1..  Obligated:    PoP: 09/08/2016 - 08/31/2018</p>				

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
0006	MOD PS06 Per the scope of work, demo asphalt, excavate and back fill and pave asphalt.  .11.P11B0001.PG54.PG413.N20 .RDC03439.DC1432NA.080.... CIPIMP.1.. Obligated: (b) (4)  PoP: 09/08/2016 - 08/31/2018	(b) (4)			
0007	MOD PS07 Per the scope of work, provide additional concrete cutting and breaking, additional equipment, demolition effort, and special handling/recycling at the crossing of NAC17 to NAC18 and at NAC 19.  .11.P11B0001.PG54.PG413.N20 .RDC03439.DC1432NA.080.... CIPIMP.1.. Obligated: (b) (4)  PoP: 09/08/2016 - 08/31/2018	(b) (4)			
0008	MOD PS08 Per the scope of work, address underground obstructions via earthwork excavation, backfill, 2" & 3" pipe work, concrete	(b) (4)			

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ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT	
	removal, utility tracing, GPR R services, and add delay claim. Extend POP by 274 days to 08/31/2018. EN-GS-11-P-16-YT-C-7173.2018.192X .11.P11B0001.PG54.PG413.N20 .RDC03439.DC1432NA.080.... CIPIMP.1.. Obligated: (b) (4) PoP: 09/08/2016 - 08/31/2018					

# NAC Hot Water Loop Replacement PS08

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## **SCOPE OF WORK**

Project: NAC Hot Water Loop Replacement  
Contract: GS-11-P-16-YT-C-7173  
PRN: EQWPMA-16-5127  
Mod No: PS08

### **Background**

#### Earthwork Delays

- DCM has discovered a preponderance of unforeseen underground obstructions, which have caused unavoidable delays to DCM's work. The underground obstructions include concrete, duct banks, conduits/pipes/utilities not identified by the survey, etc.
- The existing concrete sidewalks were found to have improper installation. The sidewalks were poured concrete directly on the ground. Proper installation requires a stone base before the concrete is poured.

#### Rain Delays

- The project has been delayed by rain on multiple occasions including July 18th, August 1st, August 15th, August 21st, August 29th, and September 6th. The heavy rains require additional material for erosion control, time on subsequent days to clean up where the heavy rains created mud runs, and loss of backfilling materials that were lost in the storm.
- The heavy rains on August 15th resulted in NAC15 being flooded with mud, damaging some of the fittings that were being stored in NAC15.

#### Time Extension

- The project schedule has been limited by the drop-dead date of October 15th when the heating system start-up will occur. In order to meet the October 15th deadline, the existing piping for Zone 1 will remain for this heating season and be replaced in the spring.

### **Scope**

#### Earthwork Delays

The presence of underground concrete that must be removed: Extract, remove from premises, and properly recycle in accordance with contract documents unsuitable materials as identified and replace with proper materials suitable for the intended purpose.

Abandoned building footing and massive thrust block at NAC18 branch

The presence of underground obstructions that must be navigated around: Excavate additional 1-3 feet depth; support trench walls from collapsing; provide, furnish, install, and



# NAC Hot Water Loop Replacement PS08

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hydro-test additional pipe fittings and pipe lengths to change pipe directions to bypass obstruction.

Unforeseen stacked duct banks and miscellaneous pipe and utility obstructions in front of NAC18

Massive concrete thrust block at NAC17 branch

Multiple duct banks in the road when crossing from NAC18 to NAC21

Utilities throughout Zones 2 and 3 at varying depths

The presence of sidewalks not suitable for patch work: Extract, remove from premises, and properly recycle in accordance with contract documents unsuitable materials as identified and replace with proper materials suitable for the intended purpose including a stone base.

NAC18 sidewalk cracked in multiple locations due to lack of a stone base

Revised routing of piping at NAC18 to avoid underground obstructions resulted in more intersections with the sidewalk than originally intended.

## Rain Delays

Furnish all labor, materials, equipment, special handling, supervision, and administrative services to replace materials damaged by heavy rains / flash flooding, provide additional erosion control, and clean flooded areas of work.

## Time Extension

Extend the period of performance with a substantial completion date of July 31<sup>st</sup> 2018 and a contract completion of August 31<sup>st</sup> 2018. This extension is required due to unforeseen underground obstruction, rain delays, and potential impact of additional projects occurring in NAC15.

Furnish all labor, materials, equipment, special handling, supervision, and administrative services to demobilize from site in November 2017; provide construction barriers, weather protection, and erosion control measures for long term staging of materials already delivered to site; remobilize to site in April 2018; and perform utility mapping and ground penetration radar of Zone 1.

## **Environmental**

- It is not anticipated that Asbestos-Containing Materials (ACM) or Lead-Based Paint (LBP) will be encountered during work activities. However, work area should be inspected prior to starting work and if material suspect to be ACMs or LBPs are present, bulk asbestos and/or lead paint chip sampling shall be collected and tested. If workers encounter suspect materials during work, all work activities in that area shall cease immediately and bulk asbestos and/or lead paint chip sampling shall be conducted. If the materials sampled are determined necessary for removal, under Section 3.02 of Specifications Section 01546, then the contractor shall adhere to the specification and

## NAC Hot Water Loop Replacement PS08

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the requirements of specification Section 02085 for asbestos removal and 02090 for removal and disposal of lead-based paint.

- All thermal systems insulation (i.e., boiler insulation, duct insulation, pipe insulation), surfacing materials (i.e., plaster and sprayed-on fireproofing) and miscellaneous materials (i.e., asphalt flooring, ceiling tiles, adhesives and mastics, drywall, roofing, gaskets and cement board), installed before 1980, must be considered asbestos containing unless proven otherwise in accordance with 29 CFR 1926.1101.
- Contractor is responsible for all applicable permitting such as but not limited to sheeting shoring and soil erosion required by federal, state or local jurisdictions, including application fees and any fines or penalties that result from noncompliance.
- Contractor is responsible for properly managing and disposing of all wastes created by this work. Handling, storage and disposal of wastes will be executed in a manner compliant with federal, state and local jurisdictions requirements and laws.
- Whenever possible the contractor will utilize low-VOC materials on project within Federal buildings.

### **Hours of Work:**

- Regular working hours are generally from 6:00 AM to 5:00 PM, Monday – Friday and weekends.

### **Security Access:**

- Access to the NAC campus and buildings is permitted only to cleared individuals. All contractor personnel must be US citizens or US persons as defined by ITAR and shall be cleared with the DHS Office of Security, Physical Security Division, and Visitor Management Office. All persons working on this project are subject to a routine background check and must be approved by DHS before they enter the campus for work. Contact GSA to obtain the “Personnel Access Request” form to be completed and submitted a minimum of 72 hours in advance of arrival to the campus for the first time. The Government will not be responsible in any way for delays caused by security clearance procedures. Contractor project managers shall submit this completed form to the GSA project manager for processing. DHS will provide escorts when required. Additional security submittals may be required for individuals working in classified areas of the campus.

### **Site Cleanup:**

- The Contractor will provide barriers and signage during construction. The site is to be cleaned up daily. Dirt and mud that is outside the construction site must be cleaned up immediately. The site and surrounding landscaping must be restored to preconstruction

## NAC Hot Water Loop Replacement PS08

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condition or better. The contractor will obtain advance approval for any materials or equipment stored at the site.

### **Period of Performance:**

- Period of Performance is 180 Calendar days following Notice to Proceed.

**(End of Scope)**